

CLAIMS:

1.

1 A method of making a dispensing closure comprising
2 compression molding a charge of molten plastic to form a plastic closure having
3 a base wall and a peripheral skirt, and forming an opening in said base wall of said plastic
4 closure during the compression molding, and
5 compression molding a combined liner and nozzle on said plastic closure.

2.

1 The method of making a dispensing closure set forth in claim 1 wherein the step
2 of forming said opening in said base wall comprises forming an integral transverse cull on the
3 base wall of the plastic closure during the compression molding of said plastic closure and
4 thereafter severing said cull to form said opening.

3.

1 The method of making a dispensing closure set forth in claim 2 wherein the step
2 of forming said opening comprises forming a thin integral web of plastic connecting said cull to
3 said base wall of said closure.

4.

1 The method set forth in claim 2 wherein the step of forming said cull
2 comprises forming a disk across said opening.

5.

1 The method set forth in claim 4 wherein the step of forming said disk
2 comprises forming a thin web of plastic at the juncture of said base wall and said disk along
3 which said disk may be severed.

6.

1 The method set forth in claim 2 wherein the step of forming said cull
2 comprises forming a base wall and an integral wall integrally connected with said closure by a
3 weakened line along which the cull is severed.

7.

1 The method set forth in claim 6 including forming said closure to a
2 configuration such that it can be utilized as an overcap.

8.

1 The method of making a dispensing closure set forth in claim 1 including
2 forming at least one slit in said nozzle.

9.

1 The method of making a dispensing closure set forth in claim 8 wherein the step
2 of forming at least one slit in said nozzle comprises engaging said dispensing closure, applying
3 a force to the outer surface of said nozzle and moving a cutting tool axially against the inner
4 surface of said nozzle to cut said slit.

10.

1 The method of making a dispensing closure set forth in claim 1 wherein the step
2 of forming said combined liner and nozzle comprises forming said nozzle with a portion
3 extending through said opening.

11.

1 The method of making a dispensing closure set forth in claim 10 wherein the
2 step of compression molding said plastic closure comprises forming an axial projection defining
3 said opening, and wherein the step of said compression molding said combined liner and nozzle
4 comprises engaging said axial projection to define a cavity for said nozzle during the
5 compression molding.

12.

1 The method of making a dispensing closure set forth in claim 11 wherein the
2 step of compression molding of said plastic closure comprises forming a shoulder at the
3 juncture of the inner surface of said base wall and said peripheral skirt, and engaging said
4 shoulder with a forming tool to close the cavity during compression molding of the combined
5 liner and nozzle.

13.

1 A method of making a closure comprising
2 molding a charge of molten plastic to form a plastic closure having a base wall
3 and a peripheral skirt, and forming an opening in said base wall of said plastic closure during
4 the molding of said closure, and
5 compression molding a combined liner and nozzle on said plastic closure.

14.

1 The method set forth in claim 13 wherein the step of forming said opening in
2 said base wall comprises forming an integral transverse cull on the base wall of the plastic
3 closure during the molding of said plastic closure and thereafter severing said cull to form said
4 opening.

15.

1 The method set forth in claim 14 wherein the step of forming said opening
2 comprises forming a thin integral web of plastic connecting said cull to said base wall of said
3 closure.

16.

1 The method set forth in claim 14 wherein the step of molding said plastic closure
2 comprises forming an axial projection defining said opening, and thereafter compression
3 molding said liner by engaging said axial projection to define a cavity for said liner during the
4 compression molding.

17.

1 The method set forth in claim 16 wherein the step of molding of said plastic
2 closure comprises forming a shoulder at the juncture of the inner surface of said base wall and
3 said peripheral skirt, and engaging said shoulder with a forming tool to close the cavity during
4 the molding of the liner.

18.

1 The method set forth in claim 14 wherein the step of forming said cull comprises
2 forming a disk across said opening.

19.

1 The method set forth in claim 18 wherein the step of forming said disk
2 comprises forming a thin web of plastic at the juncture of said base wall and disk along which
3 the disk may be severed.

20.

1 The method set forth in claim 14 wherein the step of forming said cull comprises
2 forming a base wall and an integral wall integrally connected with said closure by a weakened
3 line along which the cull is severed.

21.

1 The method set forth in claim 20 including forming said closure to a
2 configuration such that it can be utilized as an overcap.

22.

1 The method set forth in claim 13 including forming at least one slit in said liner.

23.

1 The method set forth in claim 13 wherein said closure is molded by compression
2 molding.